

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2008 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including Boat Survey Erosion**

**Sacramento River Basin**

<b>ST0001</b>	Overall LMA Rating	Total LMA Miles	* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.			
<b>Cache Creek</b>	<b>M *</b>	<b>25.83</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments PO Miles CO Miles	
Vegetation	0.02		0.02	0.08%		
Encroachments	0.11		0.11	0.43%	0.65	0.12
Boat Survey Erosion		0.28	1.12	4.34%		
<i>LMA Totals:</i>	0.13	0.28	1.25	4.84% *	0.65	0.12
<b>Unit No. 01 North Levee</b>	Overall Unit Rating	Total Unit Miles				
	<b>M</b>	<b>11.81</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments PO Miles CO Miles	
Encroachments	0.08		0.08	0.68%	0.38	0.12
Boat Survey Erosion		0.28	1.12	9.48%		
<i>Unit Totals:</i>	0.08	0.28	1.20	10.16%	0.38	0.12
<b>Unit No. 02 South Levee</b>	Overall Unit Rating	Total Unit Miles				
	<b>A</b>	<b>11.41</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments PO Miles CO Miles	
Vegetation	0.02		0.02	0.18%		
Encroachments	0.03		0.03	0.26%	0.27	
<i>Unit Totals:</i>	0.05	0.00	0.05	0.44%	0.27	0.00
<b>Unit No. 04 East Training Levee of Cache Creek Settling Basin</b>	Overall Unit Rating	Total Unit Miles				
	<b>A</b>	<b>2.61</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments PO Miles CO Miles	
No Items						
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.00	0.00
<b>Unit No. 05 Cache Creek Settling Basin Extension Levee</b>	Overall Unit Rating	Total Unit Miles				
	<b>A</b>	<b>3.17</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments PO Miles CO Miles	
No Items						
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.00	0.00

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Fall 2008 Levee Inspection Results**

**Cache Creek**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			M	

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*  
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2008 Levee Inspection Results**

**Cache Creek**

Waterway			Bank	Unit Miles
Unit No. 01 North Levee			Left	11.81
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	3/26/2008		9/22/2008	
DWR Inspector	John Williamson		John Williamson	
Accompanied By				
Unit Maintenance Rating (Fall Only)			M	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

## Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports  
3310 El Camino Avenue, Room LL-30  
Sacramento, CA 95821-9000.


X

Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2008**

**Cache Creek**

Waterway							Bank	Unit Miles	Inspection Date	Inspector	
Unit No. 01 North Levee							Left	11.81	09/22/2008	John Williamson	
LMR Line	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	1.86	1.96	Earthen Levee	Encroachments	LS	CO	Landscaping	38.729828 ° -121.806532 °	38.731143 ° -121.806255 °		3
2	1.91	1.91	Earthen Levee	Encroachments	LS	PO	Buildings	38.730528 ° -121.806485 °	38.730528 ° -121.806485 °		4
3	1.92	1.94	Earthen Levee	Encroachments	LS	PO	Equipment	38.730588 ° -121.806455 °	38.730942 ° -121.806333 °		5
4	1.96	1.99	Earthen Levee	Encroachments	LS	PO	Landscaping	38.731198 ° -121.806230 °	38.731650 ° -121.806068 °		7
5	1.96	1.99	Earthen Levee	Encroachments	WS	PO	Landscaping Inspector Comments: cactus on waterside berm	38.731197 ° -121.806232 °	38.731655 ° -121.806068 °		6
6	1.98	1.98	Earthen Levee	Encroachments	LS	PO	Buildings	38.731507 ° -121.806122 °	38.731507 ° -121.806122 °		8
7	2.01	2.01	Earthen Levee	Encroachments	LS	PO	Buildings	38.731927 ° -121.805973 °	38.731927 ° -121.805973 °		9
8	2.03	2.03	Earthen Levee	Encroachments	LS	PO	Buildings	38.732162 ° -121.805895 °	38.732162 ° -121.805895 °		10
9	2.04	2.04	Earthen Levee	Encroachments	LS	PO	Buildings	38.732268 ° -121.805832 °	38.732268 ° -121.805832 °		11
10	2.05	2.05	Earthen Levee	Encroachments	LS	PO	Buildings	38.732432 ° -121.805752 °	38.732432 ° -121.805752 °		12
11	2.06	2.06	Earthen Levee	Encroachments	LS	PO	Firewood	38.732510 ° -121.805617 °	38.732510 ° -121.805617 °		43
12	2.06	2.06	Earthen Levee	Encroachments	LS	PO	Buildings	38.732537 ° -121.805708 °	38.732537 ° -121.805708 °		13
13	2.10	2.11	Earthen Levee	Encroachments	LS	PO	Landscaping	38.733117 ° -121.805367 °	38.733218 ° -121.805263 °		14
14	2.11	2.13	Earthen Levee	Encroachments	LS	CO	Fences	38.733215 ° -121.805262 °	38.733350 ° -121.805082 °		15
15	2.15	2.15	Earthen Levee	Encroachments	LS	PO	Buildings	38.733555 ° -121.804737 °	38.733555 ° -121.804737 °		16
16	2.44	2.58	Boat Survey	Boat Survey Erosion	LS	U	Inspector Comments: slumping, beaver holes	38.733473 ° -121.799562 °	38.732622 ° -121.797153 °		903
17	2.60	2.60	Earthen Levee	Encroachments	LS	PO	Buildings	38.732850 ° -121.796798 °	38.732850 ° -121.796798 °		17
18	2.62	2.62	Earthen Levee	Encroachments	LS	PO	Equipment	38.732903 ° -121.796538 °	38.732903 ° -121.796538 °		18
19	2.65	2.70	Earthen Levee	Encroachments	LS	PO	Equipment	38.733080 ° -121.796013 °	38.733492 ° -121.795293 °		19

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2008**

**Cache Creek**

Waterway							Bank	Unit Miles	Inspection Date	Inspector	
Unit No. 01 North Levee							Left	11.81	09/22/2008	John Williamson	
LMR Line	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
20	2.66	2.66	Earthen Levee	Encroachments	LS	PO	Buildings	38.733132 ° -121.795890 °	38.733132 ° -121.795890 °		20
21	2.71	2.71	Earthen Levee	Encroachments	LS	PO	Firewood	38.733572 ° -121.795172 °	38.733572 ° -121.795172 °		21
22	2.93	2.93	Earthen Levee	Encroachments	LS	M	Prunings	38.734320 ° -121.791177 °	38.734320 ° -121.791177 °		23
23	3.46	3.52	Boat Survey	Boat Survey Erosion	LS	U	Inspector Comments: caves, tension cracks, slumping	38.732950 ° -121.785095 °	38.732051 ° -121.785267 °		904
24	3.61	3.61	Earthen Levee	Encroachments	LS	M	Prunings	38.730702 ° -121.784850 °	38.730702 ° -121.784850 °		26
25	3.86	3.94	Boat Survey	Boat Survey Erosion	LS	U	Inspector Comments: tree hazards, caves, tension cracks, slumping	38.728242 ° -121.781621 °	38.727625 ° -121.780336 °		905
26	4.27	4.31	Earthen Levee	Encroachments	LS	PO	Landscaping	38.727047 ° -121.774413 °	38.726890 ° -121.773770 °		27
27	4.33	4.33	Earthen Levee	Encroachments	LS	PO	Prunings	38.726828 ° -121.773278 °	38.726828 ° -121.773278 °		44
28	5.23	5.23	Earthen Levee	Encroachments	LS	M	Prunings	38.721535 ° -121.760698 °	38.721535 ° -121.760698 °		28
29	5.42	5.42	Earthen Levee	Encroachments	LS	M	Prunings	38.724128 ° -121.760135 °	38.724128 ° -121.760135 °		29
30	5.84	5.84	Earthen Levee	Encroachments	LS	M	Prunings	38.724588 ° -121.753398 °	38.724588 ° -121.753398 °		31
31	5.95	5.95	Earthen Levee	Encroachments	LS	M	Prunings	38.725712 ° -121.752043 °	38.725712 ° -121.752043 °		32
32	6.02	6.02	Earthen Levee	Encroachments	LS	M	Prunings	38.726467 ° -121.751212 °	38.726467 ° -121.751212 °		33
33	6.20	6.20	Earthen Levee	Encroachments	LS	M	Prunings	38.727783 ° -121.748638 °	38.727783 ° -121.748638 °		35
34	7.33	7.33	Earthen Levee	Encroachments	LS	PO	Buildings	38.727870 ° -121.728527 °	38.727870 ° -121.728527 °		39
35	7.33	7.38	Earthen Levee	Encroachments	LS	PO	Equipment	38.727878 ° -121.728553 °	38.728085 ° -121.727740 °		40

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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2008 Levee Inspection Results**

**Cache Creek**

Waterway			Bank	Unit Miles
Unit No. 02 South Levee			Right	11.41
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	3/25/2008		9/22/2008	
DWR Inspector	John Williamson		John Williamson	
Accompanied By				
Unit Maintenance Rating (Fall Only)			A	

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**Levee Inspection Report By Mile - Fall 2008**

**Cache Creek**

Waterway							Bank	Unit Miles	Inspection Date	Inspector	
Unit No. 02 South Levee							Right	11.41	09/22/2008	John Williamson	
LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.18	0.18	Earthen Levee	Encroachments	LS	M	Prunings	38.729801 ° -121.805180 °	38.729801 ° -121.805180 °		11
2	1.63	1.63	Earthen Levee	Encroachments	LS	M	Prunings	38.730769 ° -121.785988 °	38.730769 ° -121.785988 °		12
3	2.36	2.36	Earthen Levee	Encroachments	LS	M	Debris	38.726222 ° -121.774877 °	38.726222 ° -121.774877 °		3
4	2.41	2.41	Earthen Levee	Encroachments	LS	PO	Equipment	38.725953 ° -121.773997 °	38.725953 ° -121.773997 °		4
5	2.57	2.57	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	38.724433 ° -121.771717 °	38.724433 ° -121.771717 °		5
6	2.60	2.60	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	38.724115 ° -121.771370 °	38.724115 ° -121.771370 °		6
7	3.48	3.57	Earthen Levee	Encroachments	LS	PO	Landscaping	38.722228 ° -121.759663 °	38.723322 ° -121.759317 °		7
8	4.00	4.04	Earthen Levee	Encroachments	LS	PO	Buildings	38.723922 ° -121.752593 °	38.724257 ° -121.752193 °		8
9	4.04	4.13	Earthen Levee	Encroachments	LS	PO	Landscaping	38.724317 ° -121.752148 °	38.725242 ° -121.751075 °		9
10	4.15	4.15	Earthen Levee	Encroachments	LS	PO	Equipment	38.725476 ° -121.750809 °	38.725476 ° -121.750809 °		13
11	4.41	4.44	Earthen Levee	Encroachments	LS	PO	Landscaping	38.726875 ° -121.746422 °	38.727008 ° -121.745925 °		10

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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2008 Levee Inspection Results**

**Cache Creek**

Waterway			Bank	Unit Miles
Unit No. 04 East Training Levee of Cache Creek Settling Basin			Left	2.61
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection			9/22/2008	
DWR Inspector			John Williamson	
Accompanied By				
Unit Maintenance Rating (Fall Only)			A	

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2008**

**Cache Creek**

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 04 East Training Levee of Cache Creek Settling Basin	Left	2.61	09/22/2008	John Williamson

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1								°	°		
								°	°		

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected
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**Flood Control Project Maintenance  
Levee Inspections  
Unit Cover Sheet  
Fall 2008 Levee Inspection Results  
Cache Creek**

Waterway			Bank	Unit Miles
Unit No. 05 Cache Creek Settling Basin Extension Levee				3.17
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	3/25/2008		9/22/2008	
DWR Inspector	John Williamson		John Williamson	
Accompanied By				
Unit Maintenance Rating (Fall Only)			A	

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2008**

**Cache Creek**

Waterway							Bank	Unit Miles	Inspection Date	Inspector	
Unit No. 05 Cache Creek Settling Basin Extension Levee								3.17	09/22/2008	John Williamson	
LMR Line	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	7.98	8.83	Earthen Levee	Rip Rap Revetments	WS	A		38.697518 ° -121.718305 °	38.685918 ° -121.715040 °		3
2	9.25	9.36	Earthen Levee	Rip Rap Revetments	WS	A		38.680418 ° -121.711570 °	38.678927 ° -121.710632 °		4
3	9.47	11.41	Earthen Levee	Rip Rap Revetments	WS	A		38.678128 ° -121.709277 °	38.677897 ° -121.673270 °		5

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WS : Water Side  
CR : Crown

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